LAWRENCE and CO., 55, Parliament-street, Westminster, next to Yorkshire Lodge, Ventilators and Dealers in Misc. &c.—Patent tile, Chimney-pots, 14 feet long, various sorts of chimney-cowls and tops, zinc and tin sheets, 16½ per foot; rain-pipe, 9 in., 4d. per foot; ditto, 3½d. per ft. Baths, wire-work, skylights, dairy fittings, &c. Zinc or brass plates supplied or engraved in the trade. Spelter and short zinc and nails at lowest market prices.

VENTILATION—PURE AIR.

Shoolbred's Ventilator, for the admission of pure air.

EXTERNAL WALL.

With single pulley, from 6s. each; with treble pulley from 8s. 6d. These Ventilators are so arranged that the register is fixed on the inside of the room, and the air admitted through the opening in the wall, which may be placed in the external wall, near ceiling or floor, as may be most convenient. When the register is closed the opening in the wall is closed, thus preventing the admission of cold air to the room. Prospectuses, with full particulars, may be had of all respectable Ironmongers, Builders, &c.

DR. ARNOTT'S VENTILATING CHIMNEY VALVE.

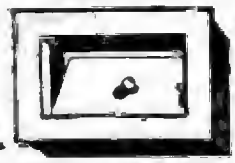
as made on the true principles, and under the immediate direction of Dr. Arnott. All Architects and Builders are respectfully informed, that the valves at present really constructed on Dr. Arnott's principle, they cannot be procured from the original maker by any other house in the trade, and repeated failures have unfortunately shown that valves purporting to be Dr. Arnott's have been, in fact, altogether different in construction, and have disappointed by the Doctor as not being by any means calculated to carry out his intentions; for, in their practical use, they are continually found to be an absolutely mistake of filling the flue with smoke, instead of being useful as a means of ventilation. It is therefore right to say, that many architects, in the metropolitan district, have framed it necessary to direct that DR. ARNOTT'S VENTILATORS shall be of EDWARDS'S MANUFACTURE.

The Valve, made in a variety of patterns and sizes, varies from 6s. to 10s. Terms to the trade as heretofore. Prospectuses with prices and rules to be had free on application to

F. EDWARDS, 48, Poland-street, Oxford-street.

DR. ARNOTT'S VENTILATING CHIMNEY VALVE.

With internal action, and all the latest improvements.



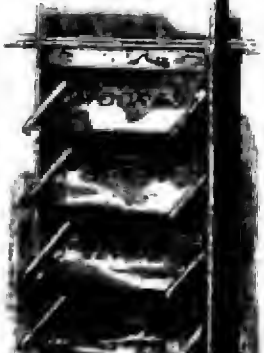
REDUCED LIST OF PRICES, SUBJECT TO THE TRADE DISCOUNT.

	First size	Second size
Plain Iron Valve	5 s.	4 s.
Bronzed and Leathered	7 s.	5 s.
Japanned white with Gold Rose	11 s.	10 s.
Ditto with Trellis work	17 s.	14 s.
Brass Front, lacqd. or bronzed	13 s.	12 s.
Ditto with Trellis work	19 s.	17 s.

Ventilators of any description made to order.

Manufactured by HART and SON, 65, St. Martin's-lane, Strand, London.—Post-office orders payable at Bow, Middlesex.

MOORE'S PATENT LEVER VENTILATOR.



The principle of the LEVER VENTILATOR is simple and most effective, which will be seen by the accompanying Illustration, and its action is as arrowroot that no comment can occur to the Inlet Lever, nor is it in any way likely to get out of order. The whole of the frame, levers, and covers, are made of brass, thereby avoiding rust. It is suited to most forms of sashes, and is opened and closed with great facility, and can be regulated to any quantity of ventilation. Its action is performed by a line, which pulled, opens the Louvres, and when loose, closes air-tight. It takes less space than any other Ventilator, and does not interfere with the appearance of the window. Much greater ventilation is obtained by the Louvres than any other Ventilator, and does not interfere with the appearance of the window. Much greater ventilation is obtained by the Louvres than any other Ventilator, and does not interfere with the appearance of the window.

upward, by which the air passes upwards, and is equally distributed over the whole of the apartment. Orders for Ventilators should give the exact measure of the sash for which they are required. A cheaper description of this Ventilator made for churches, bed-rooms, workshops, &c. JOHN MOORE and SON, Patentees, Tarvet, and Horse Chain Manufacturers, 24 A, Cheapside, London; Chain Makers to the Honourable Board of Ordnance, the Honourable Government, and the Emperor of China. N.B.—A List of the Chains made at the above Manufactory can be had either by post or otherwise.

COOKING RANGES.—NICHOLSON'S PRIZE COTTAGE COOKING, and other GRATES which obtained the premiums offered by the Royal Agricultural Society of the York and Windsor meetings, may be seen in operation at the Model Houses in Hyde-park, in the Model Structure erected for Improving the Condition of the Labouring Classes in the Great Exhibition Building, and at his allotments there (No. 6), where they can be exhibited his recent improvements in Kitchen Ranges, including the newly invented Mediterranean Cooking Stove, or complete suit of Kitchen Apparatus in one piece, and Architectural Cooking Stove for Cottagers. Ramgrates, &c., for which a silver medal was especially awarded at the Exhibition. Drawings may be procured at PECKHAM, Jerome-street, London, and most respectable Country Ironmongers. Price lists and full particulars will be sent on application to the Manufactory, Nicholson's Patent Stove Works, Jermyn-street. N.B. Intending purchasers of kitchen grates are earnestly requested to defend of receiving satisfactory information, to apply to the manufactory.

NOBLE'S VENTILATING GRATES and STOVES—A large assortment of the above, with many other improvements recently introduced by the Patentee, Thomas Noble, of Perfect Ventilation, Two pressure of [illegible] obtained by the new [illegible] which may be [illegible] to [illegible] the [illegible] of the [illegible] and [illegible] Prices from £2 to £30 each complete.

TO ARCHITECTS AND BUILDERS.

DRAWING ROOM STOVES from original designs, with enrichments in porcelain, polished steel, and or-molu. PATENT RADIATING GRATES for DINING ROOMS, a certain cure for a smoky chimney. BEDROOM STOVES of most patterns, and at very reduced prices. BATHS fitted up in copper, marble, iron, or enamelled slate, and supplied with hot water from the ordinary cistern, or from separate tank boilers of an improved construction.—Plans and estimates furnished to town or country.—BENHAM and SONS, Manufactory and Show-rooms, 18, WIGMORE-STREET, Cavendish-square, London.

STOVES, RANGES, GAS FITTINGS, &c.

BENETFINK and COMPANY defy competition in the above articles, if durability, combined with elegance of design, is deemed to be the test of cheapness.

B. and Co. especially call the attention of Architects and Builders to their house, as they are admitted to have the largest and best selected stock of STOVES, RANGES, and GAS FITTINGS in the kingdom. Their stock contains the Improved Patent Register Stoves, polished bar fire-bars, patent oven doors, and patent smoke-plate: the unrivalled Derby Kitchen Range, and every description of cooking apparatus. As a proof of their ability to furnish the cheapest as the costliest they submit the following scale of prices:—

Fine cast Blank Register Stoves, 3 feet wide, from 15s. to 18l.
Highly finished Drawing room Stoves, from £3. 10s. to 20 guineas.
Cottage Ranges, with boiler and self acting oven, from 18s.
Improved Kitchen Ranges, with boiler, self acting oven, and bright fittings, from 3l.
Very strong Kitchen Ranges, with self acting oven, best wrought iron steam boiler, bright fittings, and bright spit range, from 10 to 18 guineas.
3 light water slide gas Chandeliers, from 30s.
3 light ditto ditto, from 3 to 12 guineas.

NOTE THE ADDRESS.—BENETFINK and COMPANY, 89 and 90, CHEAPSIDE, LONDON.
Wholesale entrance, 1, IRONMONGER LANE.

COPPER BOILERS, of various Shapes, for HEATING BATHS and CONSERVATORIES

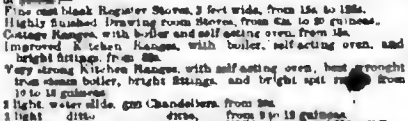


Fig. 1. Fig. 2. Fig. 3. Fig. 4.

Fig. 1. TYLOR'S IMPROVED COPPER CIRCULATING BATH BOILER, on Iron Frame complete for fixing.—Fig. 2. COPPER RIVETTED ARCH TOP BOILER for large turn-up pans or Public Buildings, from four to forty gallons.—Fig. 3. DOME-TOP COPPERS, with drawoff cocks, for Public Baths, from fifteen to one hundred and fifty gallons.—Fig. 4. TINNED COPPER COIL PIPES for HEATING BATHS, by passing Water through the Kitchen Range Boiler.—Apply to Ironmongers or Plumbers, or to the Manufacturers, J. TYLOR and SON, Warwick-lane, London.

CLARK and HUNT'S IRONMONGERY, STOVE and METAL WAREHOUSE, 139, Shoreditch.

Improved Cottage Ranges, with	20	24	30	36 inch.
Large Oven and Boiler	30s	32s	36s	44s.
Best Self-acting Ranges, with Oven and	34	36	38	42 inch.
Back Boiler, Bright Wrought Bars	1 4s.	5s.	6s.	6s.

Strong Elliptic Stoves, with Extra Back and Solid Bars, per inch, 9d.

Register Stoves, with Solid Bars, per inch, 3d. Best Solar, with Fire Brick Back, per inch, 4d.

Bright Stoves, with Two Fires 50s to 100s. each.

Cast Rain water Pipe	9	9½	3 inch
	6d.	10d.	1s per yard.
Cast Gutters	4 inch, 6d. per yard.		
	5	6	6½ inch.
O. G. Gutters	1	1	1
	10d.	1s.	1s per yard.
Best Cut Clasp	10	11	9	8	9 inch
and Nose	1 4d.	1 6d.	1 8d.	1 10d.	1 12s. per cwt.

Sheet Flooring Brads, 1 3d per cwt.
14inch Cut Lath, 1s. Cut Laths, 6s. 6d.
4-inch Best Rim Lock and Mortice, with best Portcullis and Patent Spindles, 6s. 6d. Light Elliptic and Register Metal, 12s per cwt.
Hot Water Pipes, 8s. 6d. per cwt.

Dr. Arnott's Ventilators, 6s. each.

An extensive stock of bar, rod, hoop, and sheet iron.
Clark and Hunt's Improved Glass Paper.

TO BUILDERS, CARPENTERS, CABINET MAKERS, &c.

JOHN DALE, 18, CHISWELL-STREET,

begs to inform the above Trades that he has purchased the business and premises of the late Mr. F. B. WILLIAMSON, Iron-screw and Stove Manufacturer, 18, Chiswell-street, Finsbury-square, where J. D. continues to carry on the said business, which, with his own, will form one of the most varied and extensive stocks of ironmongery in London, every article being of the best description and lowest possible prices:—

Elliptic Stoves, double backs, 9½d. per inch.
Register Stoves, 6d. 6d. 6½d. 7½d. per inch.
Self-acting Ranges, with circular ovens and back boilers, best wrought bars and bright fittings:—

2 ft., 2l. 12s.	2 ft. 6 in., 3l. 7s.	3 ft., 3l. 18s.
3-feet Cottage Ranges, with oven and back boilers, 6s. each.		
3-feet self acting ditto, ditto		35s. each.

Air Bricks, 8s. 6d. per doz.—3-inch Cut Lath Nails, 1s. 2d. per cwt.

Best Patent Cut Clasp.

10	11	9	8	9 inch and larger
1s. 6d.	1 8d.	1 10d.	1 12d.	1 14s. per cwt.

Best Sheet Floor Brads, 11s. 6d. per cwt.
Best Town Glass, 9s. Patio, 8s. 6d. 32s. per cwt.

Best Patent Sash Line.

1	2	3	4	5
3s. 6d.	4s. 6d.	7s.	8s.	10s. 6d. per gross.

List of Prices had on application at the Warehouse, or by letter prepaid.

TO BUILDERS AND CARPENTERS, &c.

J. H. BOOBBYER and CO., late Starch and Boobbyer, Ironmongery, Brass Foundry, Nail, and Tool Warehouse, No. 14, Bonhope-street, Clare-market, London, for the supply of Carpenters, Builders, Cabinet-makers, Upholsterers, &c., at wholesale prices.

Best Cut Sheet Flooring Brads, 11s 6d. per cwt.
Fine Cut Clasp and Nose.

10s 6d.	11s 6d.	12s. 6d.	13s.	15s. 6d. per cwt.
14	15	9	8½	9 inch.

Best Bright Tower Bolts.

3s. 6d.	4s. 7d.	5s. 6d.	6s. 6d.	8s. 6d. per dozen.
2	3	4	5	6 inch.

Best Patent Sash Line.

4s.	5s. 6d.	6s. 6d.	7s.	8s.	10s. 6d. per gross.
No. 1	2	3	4	5	6

Cast Lath Nails, 10s. per cwt. Air Bricks, 8s. 6d. per dozen.

DR. ARNOTT'S VENTILATORS

10 by 8 inches	4s. each.
16 by 9 "	8s. "

An assortment in Brass, Bronzed, Gilt, &c.

An extensive stock of Mortice Locks, Drawback Locks, Iron Rim Locks, and Latches, of every description, at very reduced prices; also Door Furniture in china, amber, opaque, ivory, ebony, buffalo, horn, brass, &c., with Finger-plates, Bell-pulls, and Levers en suite.

J. and Co. are the inventors of SHUTTING BOLT MORTISE LOCKS, &c., so universally approved of.—Established nearly 200 years, for the supply of goods from the best manufactories at the lowest prices.

TO BUILDERS CARPENTERS, AND OTHERS

BENJAMIN WALMSLEY, IRON, BRASSFOUNDER, STOVE and RANGE MANUFACTURER, 128 and 129, LONDON-ROAD, Manufacturer of Builders, carpenters, cabinet-makers, upholsterers, wheelwrights, &c., at wholesale prices:—

Best Cut Sheet Flooring Brads, 11s. 6d. per cwt.

Fine Cut Clasp and Nose	10	11	9	8 in.
	10d.	1s.	1s. 2d.	1s. 4d. per cwt.
Best Bright Tower Bolts	3s. 6d.	4s. 6d.	5s. 6d.	6s. 6d. per doz.
Best Patent Sash Line	4s.	5s. 6d.	7s.	8s. per gross.

Cast Lath Nails, 10s. per cwt. Air Bricks, 8s. 6d. per dozen. Flooring for Board, 8s. 6d. per cwt.

Dr. Arnott's Ventilators, 4s. 6d. each.

Iron Rain water Pipe, 9 in., 3½d.; 6 in., 2½d.; 4 in., 1s. 6d. per yard.
Half Round Gutter, 6 in., 3d.; 4 in., 1s. 1d. per yard.
O G Gutter, 7½d.; 6 in., 6½d.
Air Bricks, 8s. 6d. per dozen. Flooring for Board, 8s. 6d. per cwt.

Dr. Arnott's Ventilators, 4s. 6d. each.

Best Patent Cut Clasp, 9 in., 1s. 2d. per cwt. Best Cut Nose, 9 in., 1s. 4d. per cwt. Best Cut Sheet Flooring Brads, 11s. 6d. per cwt. Best Bright Tower Bolts, 6 in., 6s. 6d. per dozen. Best Patent Sash Line, 6s. per gross. Cast Lath Nails, 10s. per cwt. Air Bricks, 8s. 6d. per dozen. Flooring for Board, 8s. 6d. per cwt. Dr. Arnott's Ventilators, 4s. 6d. each.

Fine cast Blank Register Stoves, 3 feet wide, from 15s. to 18l.
Highly finished Drawing room Stoves, from £3. 10s. to 20 guineas.
Cottage Ranges, with boiler and self acting oven, from 18s.
Improved Kitchen Ranges, with boiler, self acting oven, and bright fittings, from 3l.
Very strong Kitchen Ranges, with self acting oven, best wrought iron steam boiler, bright fittings, and bright spit range, from 10 to 18 guineas.
3 light water slide gas Chandeliers, from 30s.
3 light ditto ditto, from 3 to 12 guineas.

An excellent variety of Stock and Bright Register Stoves now ready for use at all prices, to which the attention of architects and builders is particularly invited.

A large assortment of Rim, Mortice, Drawback, Iron Gate, and other kinds of Locks and Latches. An extensive stock of bright and elegant Door Furniture, in Brass, Porcelain, Glass, and Fancy Woods.

Finger Plates, Levers, and Bell-pulls en suite.

Bar, Hoop, Sheet and Rod Iron, and Spring Steel.

The stock of this establishment is too extensive to be described in the limits of an advertisement; and the most correct idea that can be given of it is by saying that every trade connecting furnishing ironmongery can here select whatever they require at wholesale prices.

WALMSLEY'S, 128 and 129, LONDON ROAD, SOUTH-WARK, six doors from the Obelisk.

WARMING BY HOT WATER.—J. WEEKS and CO.'S HOT WATER APPARATUS may be seen in extensive operation on their premises, King's-road, Chelsea; they have also erected their apparatus for various purposes throughout the kingdom; references can be given in almost every district. They beg particularly to refer to their own establishment, and also to that of Mr. Hookham's extensive carriage repository, Hallstreet, Hyde-park-corner, where the apparatus may be seen in operation. Ornamental Pedestals and Stands of Pipes in every variety, applicable for warming churches, mansions, vaneries, halls, offices, conservatories, &c.—TUBULAR BOILERS of the most warranted to be the most efficient and economical of any yet introduced.—J. WEEKS and CO., Hot Water Apparatus Manufacturers, King's-road, Chelsea.

WARMING.—HOT WATER APPARATUS, with improved boilers, requiring no brickwork, and arranged to continue in action from twelve to sixteen hours without attention, adapted for churches, chapels, conservatories, and every description of building, supplied and erected on the most reasonable terms. Also, the THERMANTERON, an apparatus which warms without injuring the air, and recommends itself on account of its simplicity, durability, and efficiency, especially adapted for churches, halls, or buildings only used occasionally.—Apply to SPILLER and TAYLOR, Battersea.

SAMUEL HOOD and Co., Castings Warehouse, 61, Upper Thames-street, REGISTERED STABLE FITTINGS. Also, girders, columns, hot water pipes, rain-water pipes, eaves, gutters, sash weights, &c., at the lowest prices. A powerful hydraulic PROVING-MACHINE for GIRDERS, &c.

TO BUILDERS AND THE TRADE.

CASTINGS, RAIN-WATER PIPE, GUTTERING, SASH-WEIGHTS, &c.

Iron Rain-water Pipe	9	6½	4	3	2½ in.
	6d.	10d.	1s 1d.	1s 4d	per cwt
Half Round Gutter	6	5½	4	3 inch.	
	7d.	7½d.	8d.	per yard.	

Sash-weights, 8s per cwt. Air Bricks, 8s 6d per dozen.

Underground Pipe, 8s 6d. per cwt.

A large stock of CASTINGS and WROUGHT-IRON WORK for BUILDING and other purposes, at equally low prices, consisting of

GIRDERS AND COLUMNS	STENCH-TRAPS
RAILING AND STAIRCASE BARS	SKYLIGHTS
BALCONIES AND BALCONETTES	BASHES, WROUGHT AND CAST
CANTILEVRES AND BRACKETS	STOVES, ALL DESCRIPTION
FURNACE BARS AND GRATINGS	COPPING FOR WALLS
LAMP POSTS	MANGERS
PUMPS	HAYRACKS
COAL-HOLE PLATES AND SCRAPERS	SUPPLY CISTERNS
	FIREPROOF DOORS
	TANKS, &c. &c. &c.

Every article in the trade kept in stock. An extensive assortment of patterns for both PLAIN and ORNAMENTAL CASTINGS, and every description of WROUGHT-IRON WORK.

ESTIMATES on application or by post.

OTTAM and HALLEN,
IRON WORKS, 2, WINSLEY-STREET, OXFORD-STREET; AND CORNWALL-ROAD, LAMBETH.

FARM AND COTTAGE PUMPS.

PATENT CAST-IRON PUMPS for the use of Farm, Cottages, Manure Tanks, and Shallow Wells.

Patent Pump	£1 15 0
Patent Pump, with 10 feet of lead pipe attached, and bushes and nuts ready for fixing	2 2 0

Larger sizes if required.

May be obtained of any Ironmonger or Plumber in Town or Country, or of the Patentees and Manufacturers,

JOHN WARNER and SONS, Ornamental Jewin-street, London.

Every description of Machinery for Raising Water, Fire, Estates &c.

The usual allowance to the Trade.

TO ARCHITECTS, BUILDERS, AND BRICK-MAKERS.

PUMPS of Superior CONSTRUCTION, bored perfectly true by improved machinery, in various plain and ornamental patterns for Conservatories, Squares, Water Pieces, Roads, Gardens, and for Liquid Manure. BRICK-MAKERS' PUMPS, in Wrought and Cast Iron. HYDRAULIC LIFT PUMPS, and ENGINES for Wells of any depth. SINGLE and DOUBLE PUMPS up to twelve-inch bore, for Hire.

BENJ. FOWLER late of 49, Dorset-street, removed to the new Factory, Whitefriars-street, Fleet-street.